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Datasheet for ABIN1627031  
**CTU2 Protein (AA 2-528) (His tag)**

### Overview

Quantity:	1 mg
Target:	CTU2
Protein Characteristics:	AA 2-528
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTU2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	COAGEDYAG PAQREPPPVP RPSREQKCVK CAEGLPVVVI RAGDAFCRDC FKAFYVHKFR AMLGKNRVIF PGEKVLLSWS GGPSSSSMVW QVLEGLSQDS AKRLRFVPGV IYVDEGAACG QSLEDRVKTL AEVKRILGNT GFPFHVVALE EVFSLPPSVL RRASQEPAGT EEAYKAAVDS FLQQQHVLGT EACASPAQGQ GQLRPSHSQE PSGTVGHPKD AQTEALSRLF KSIKTLTAKE ELLQTLRTHL TVHVARSHGY RKVMTGESCT RLAIKLMTNL AMGRGAFLAW DTGFSDERHG DVVLVRPMD HTLKEVAFYN RLVGVPVFT PAIDTKAPEK ASIHRLMEAF ILKLQTLFPS TVSTVYRTSE KLVKAPREGC ATGPSGNCL LCMCALDVDN ADSATAFGAQ SSSHLSQMLT AEAGTPTRPC CGAGEGQTQS CHRAVGRRED AWACIEQLC YSCRVMKDL PSLDPLPPYV LTEAQLRSQR GSVSEEIQEY LIEEEEEEDR AEPCEAMKQE AEDKIGIL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: CTU2

Alternative Name: Cytoplasmic tRNA 2-thiolation protein 2 (Ctu2) ([CTU2 Products](#))

Background: Recommended name: Cytoplasmic tRNA 2-thiolation protein 2

UniProt: [Q3B7U4](#)

## Application Details

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**Comment:** The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Concentration:** 0.2-2 mg/mL

**Buffer:** Tris-based buffer, 50 % glycerol

**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

**Storage:** -20 °C

**Storage Comment:** Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.